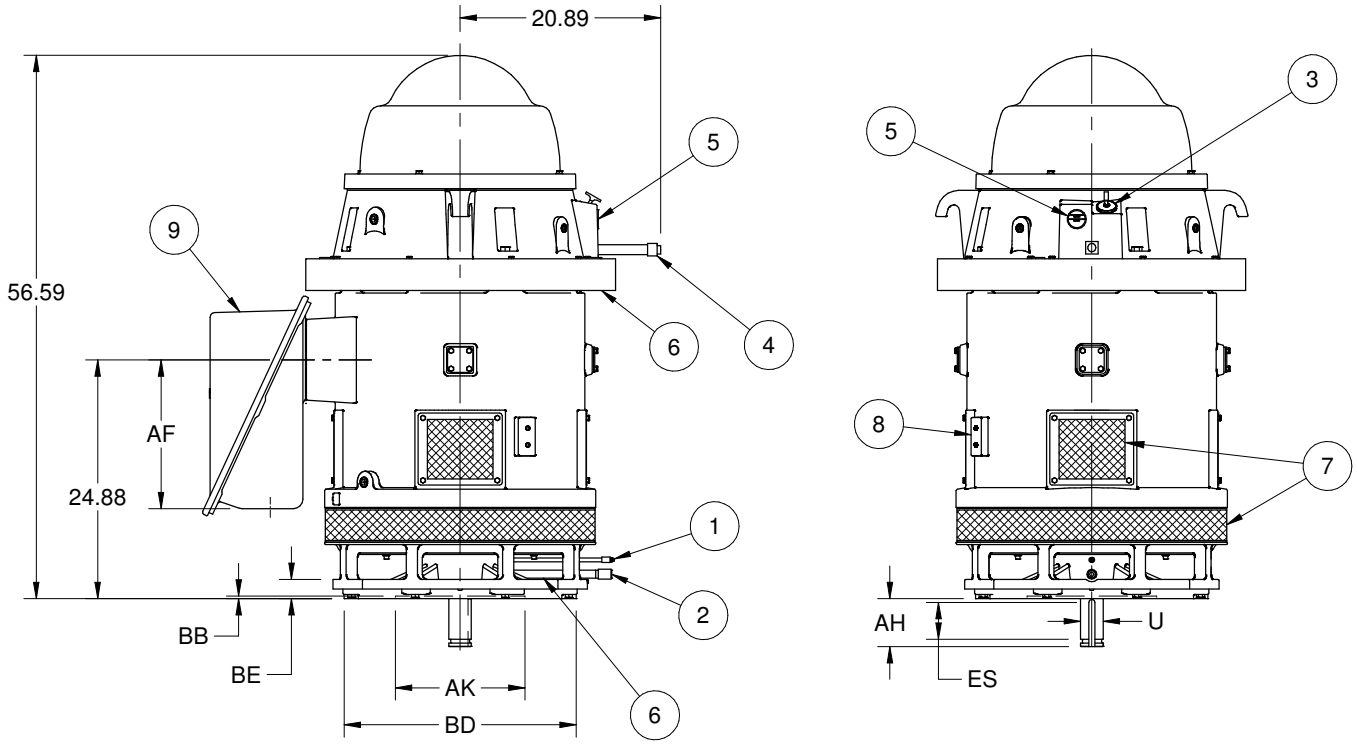
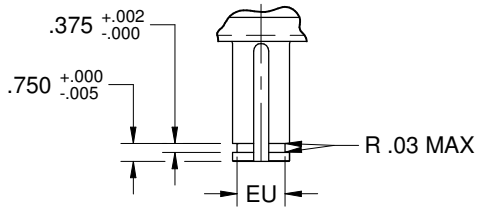
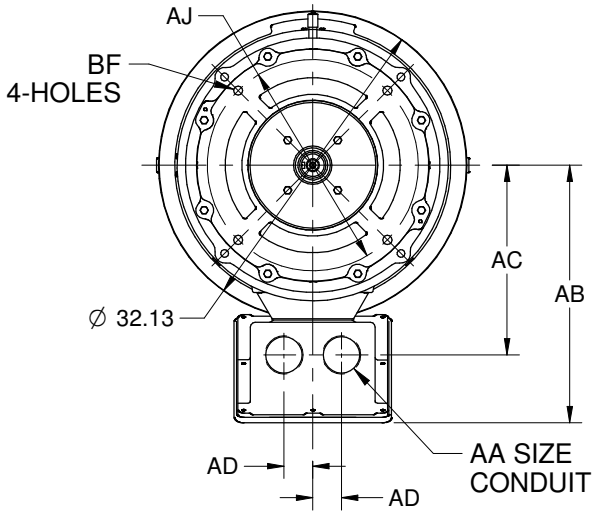
EFFECTIVE: 03-OCT-19	**DIMENSION PRINT** **WEATHER PROTECTED TYPE I** **FRAME: 449VPH, VP, VPA** **BASIC TYPE: RV4**	PRINT: 09-3364
SUPERSEDES: 02-OCT-19		SHEET: 1 OF 1







	AA
	2 NPT
	2 1/2 NPT
	3 NPT
	3 1/2 NPT
	4 NPT

	C/BOX VOLUME (CU. IN.)	QTY OF CONDUIT HOLES	AB	AC	AD	AF
	2000	2	26.84	19.75	3.00	15.50
	3400	2	31.44	19.75	3.00	15.50

	FRAME	AJ	AK +.005	BB MIN	BD MAX	BE	BF
	449VPH	14.75	13.500	.25	20.00	2.00	.688
	(10) 449VP	14.75	13.500		24.50		.688
		22.00					.938
	449VPA	26.00	22.000		30.50		.813

		POLE (RPM)						U -.001	AH ±.062	ES MIN	EU -.005	SQ KEY
		2 (3600)	4 (1800)	6 (1200)	8 (900)	10 (720)	12 (600)					
	HP	ALL	300 & DOWN	200 & DOWN	150 & DOWN	150 & DOWN	ALL THRU 100	2.125	4.500	3.00	1.750	.500
		- -	350 TO 450	250 TO 300	200	150	125 THRU 150	2.375	5.000	3.50	2.000	.625
		- -	500	350	250	200	200	2.625	5.000	3.50	2.250	.625

ALL DIMENSIONS ARE IN INCHES.

TOLERANCES	
FACE RUNOUT	.007 TIR
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 TIR
PERMISSIBLE SHAFT RUNOUT	.003 TIR
MAXIMUM SHAFT END PLAY	.010
NON-MACHINED DIMENSIONS MAY VARY BY ±.25	

FEATURE LISTING

1	LOWER GREASE FILL	6	AIR INTAKE, 360° AROUND		
2	LOWER GREASE DRAIN	7	AIR EXHAUST, 360° AROUND		
3	UPPER SUMP OIL FILL	8	GRD PADS, DIAG OPP, 1/2-13		
4	UPPER SUMP OIL DRAIN	9	MAIN CONDUIT BOX		
5	UPPER SUMP SIGHT WINDOW	10	449P HAS TWO BOLT CIRCLES		

09-3364/B

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY: R. KING
APPROVED BY: T. COLOMA

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